FIG. 1

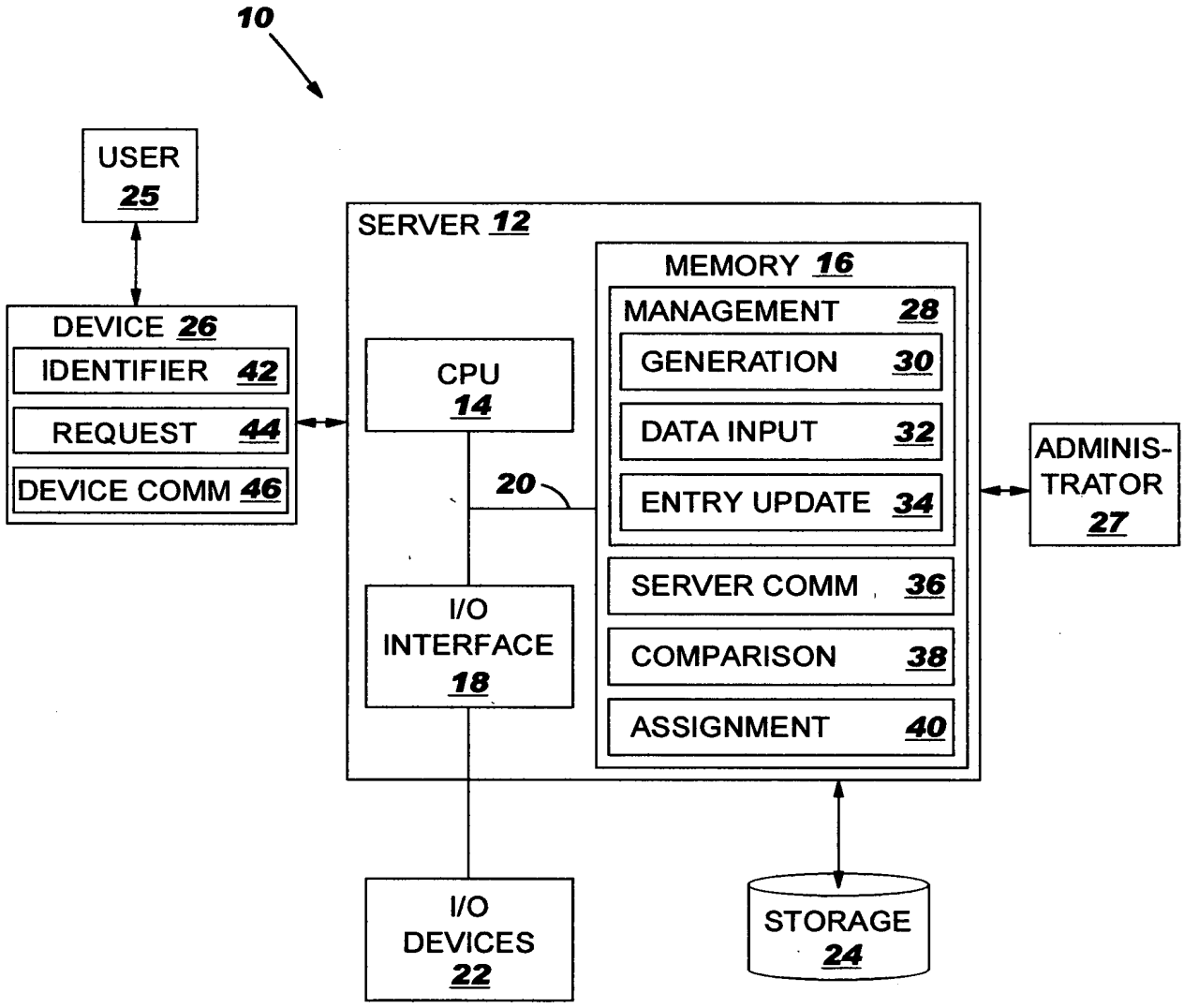

10
USER
25
DEVICE 26
IDENTIFIER 42
REQUEST 44
DEVICE COMM 46
SERVER 12
CPU
14
20
I/O
INTERFACE
18
I/O
DEVICES
22
MEMORY 16
MANAGEMENT 28
GENERATION 30
DATA INPUT 32
ENTRY UPDATE 34
SERVER COMM 36
COMPARISON 38
ASSIGNMENT 40
ADMINIS-
TRATOR
27
STORAGE
24

FIG. 2

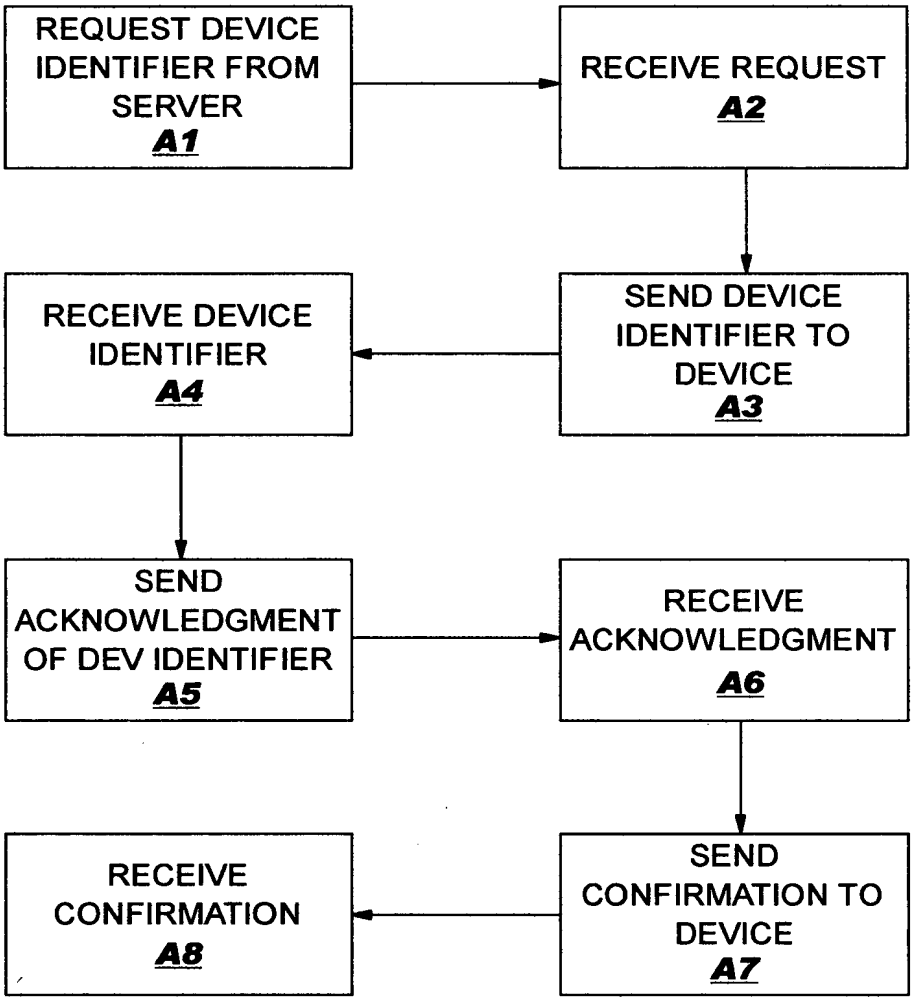

REQUEST DEVICE IDENTIFIER FROM SERVER
A1
RECEIVE REQUEST
A2
SEND DEVICE IDENTIFIER TO DEVICE
A3
RECEIVE DEVICE IDENTIFIER
A4
SEND ACKNOWLEDGMENT OF DEV IDENTIFIER
A5
RECEIVE ACKNOWLEDGMENT
A6
SEND CONFIRMATION TO DEVICE
A7
RECEIVE CONFIRMATION
A8

FIG. 3

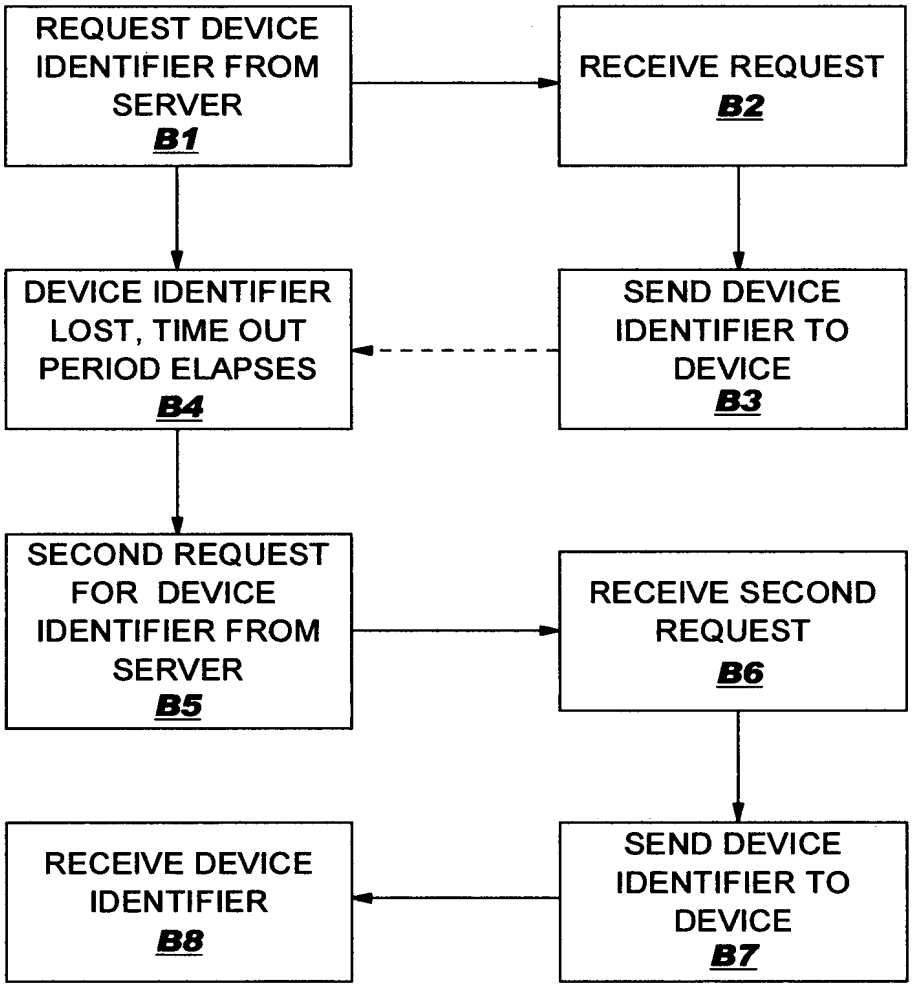

REQUEST DEVICE IDENTIFIER FROM SERVER
B1
RECEIVE REQUEST
B2
DEVICE IDENTIFIER LOST, TIME OUT PERIOD ELAPSES
B4
SEND DEVICE IDENTIFIER TO DEVICE
B3
SECOND REQUEST FOR DEVICE IDENTIFIER FROM SERVER
B5
RECEIVE SECOND REQUEST
B6
RECEIVE DEVICE IDENTIFIER
B8
SEND DEVICE IDENTIFIER TO DEVICE
B7

FIG. 4

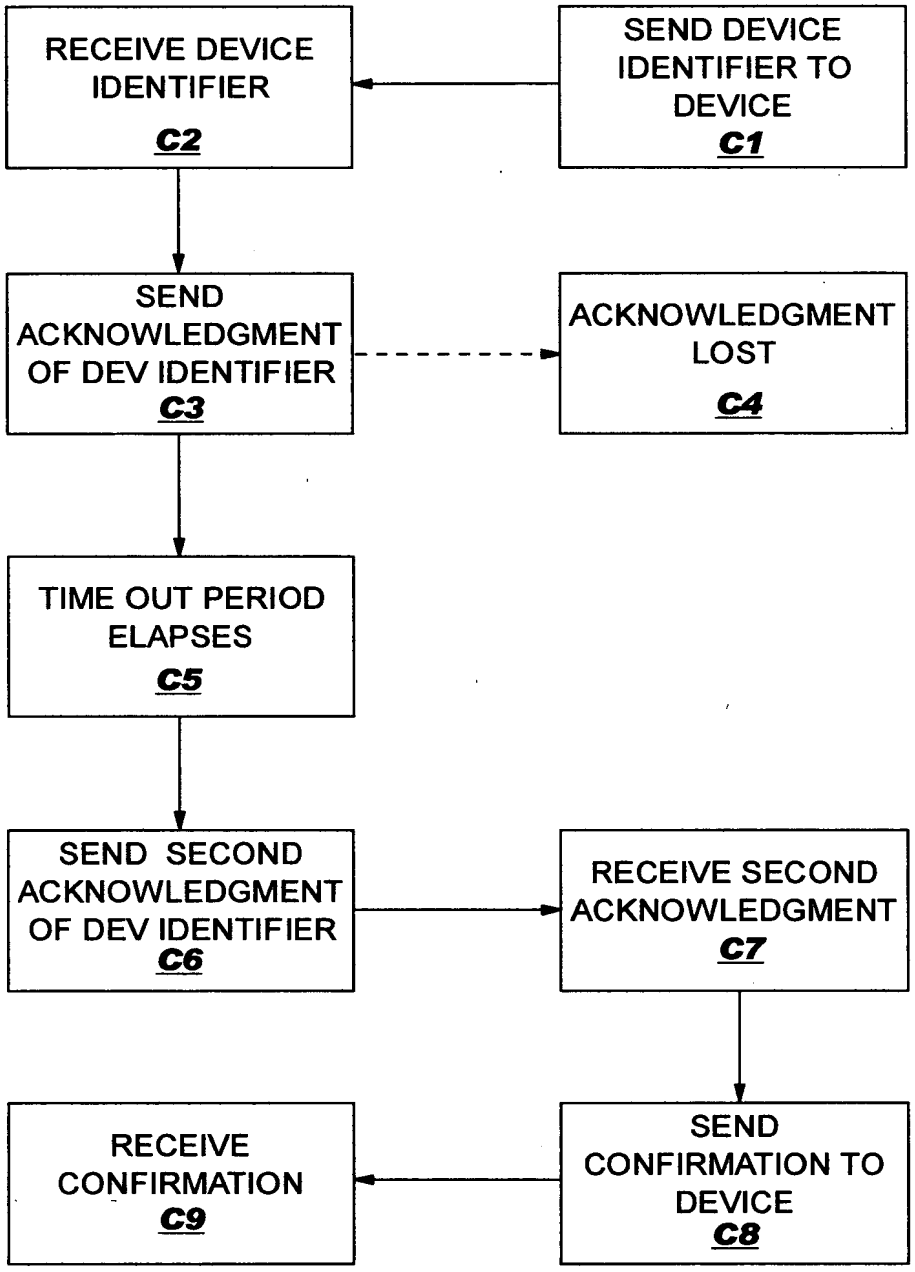

RECEIVE DEVICE IDENTIFIER
C2
SEND DEVICE IDENTIFIER TO DEVICE
C1
SEND ACKNOWLEDGMENT OF DEV IDENTIFIER
C3
ACKNOWLEDGMENT LOST
C4
TIME OUT PERIOD ELAPSES
C5
SEND SECOND ACKNOWLEDGMENT OF DEV IDENTIFIER
C6
RECEIVE SECOND ACKNOWLEDGMENT
C7
RECEIVE CONFIRMATION
C9
SEND CONFIRMATION TO DEVICE
C8

FIG. 5

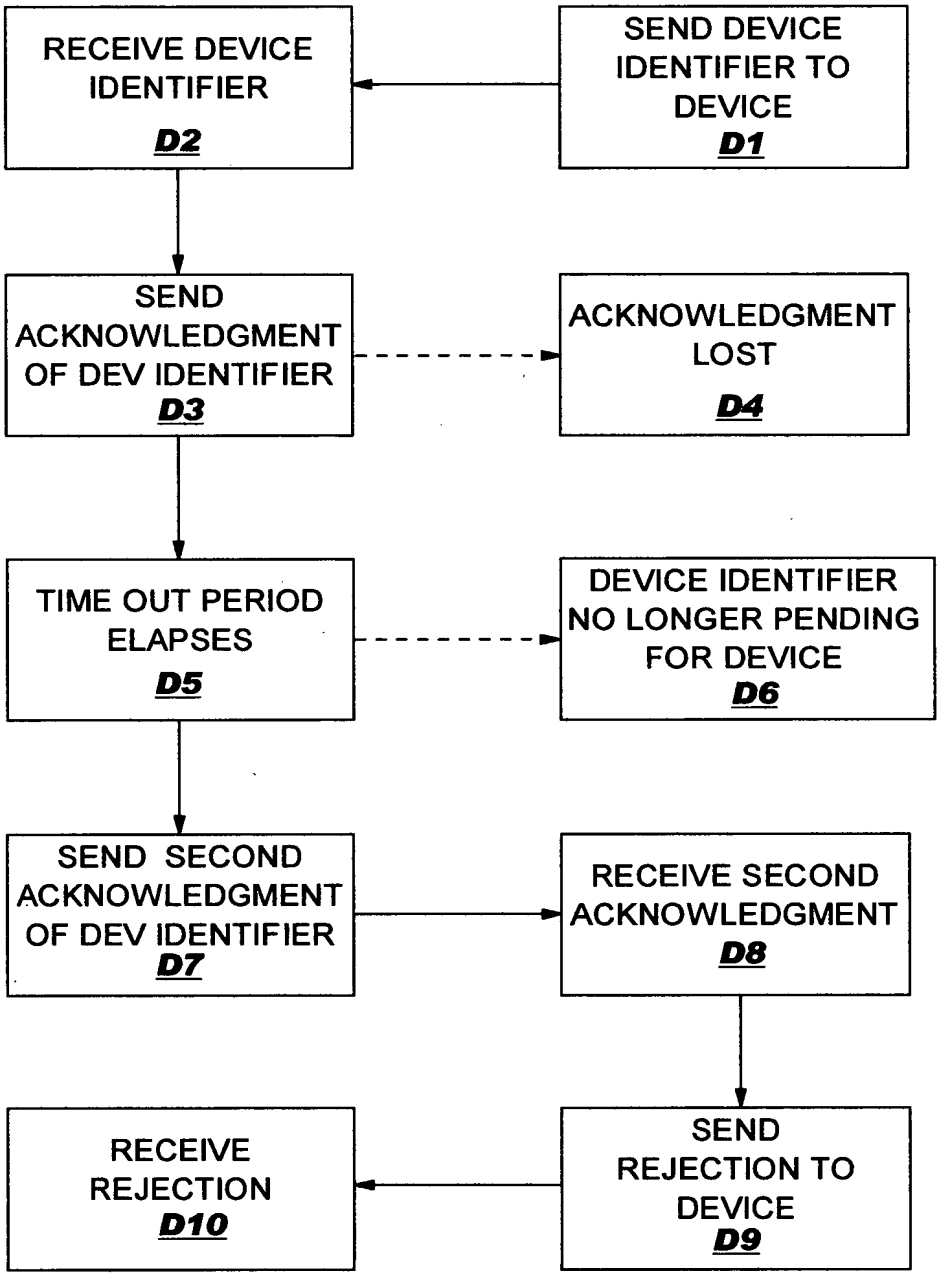

RECEIVE DEVICE IDENTIFIER
D2
SEND DEVICE IDENTIFIER TO DEVICE
D1
SEND ACKNOWLEDGMENT OF DEV IDENTIFIER
D3
ACKNOWLEDGMENT LOST
D4
TIME OUT PERIOD ELAPSES
D5
DEVICE IDENTIFIER NO LONGER PENDING FOR DEVICE
D6
SEND SECOND ACKNOWLEDGMENT OF DEV IDENTIFIER
D7
RECEIVE SECOND ACKNOWLEDGMENT
D8
RECEIVE REJECTION
D10
SEND REJECTION TO DEVICE
D9

FIG. 6

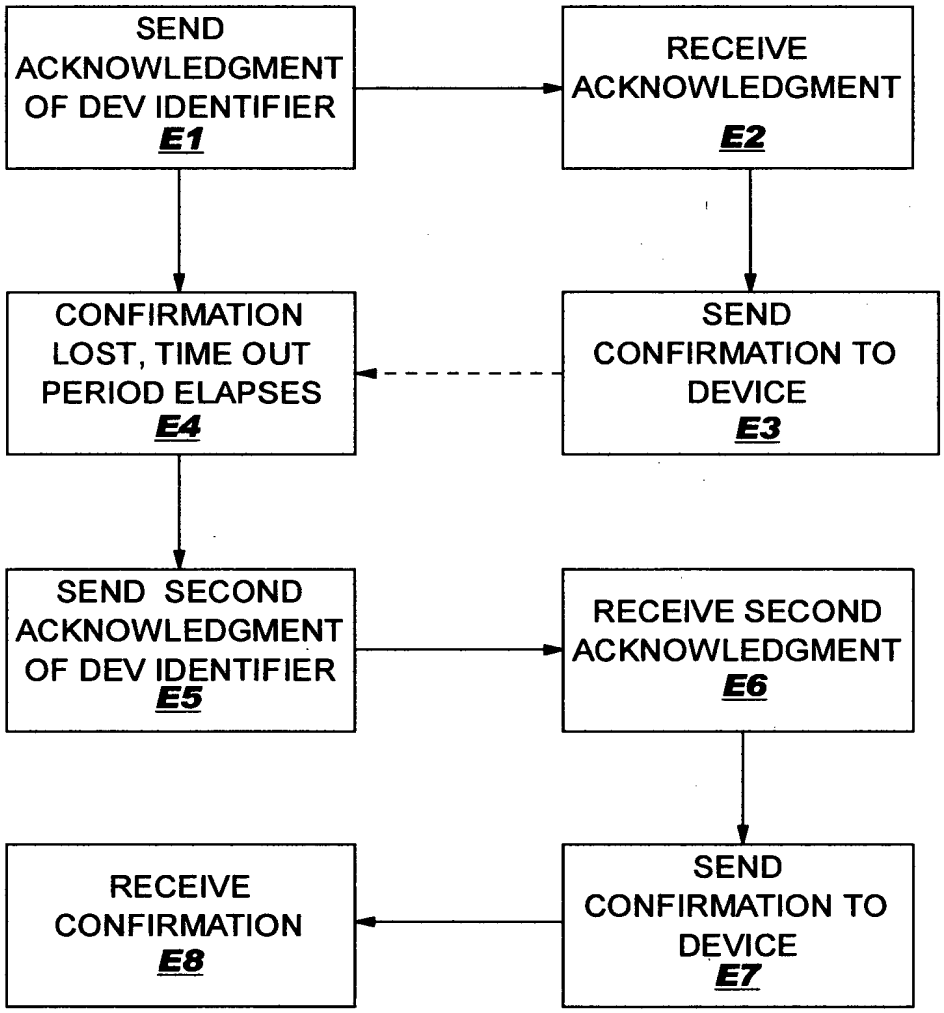
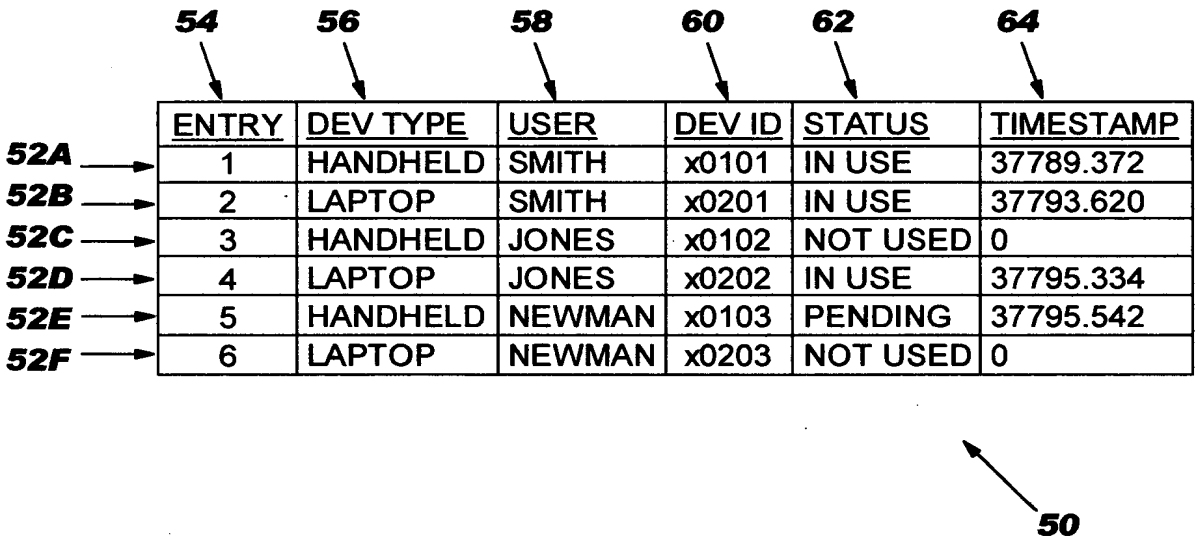
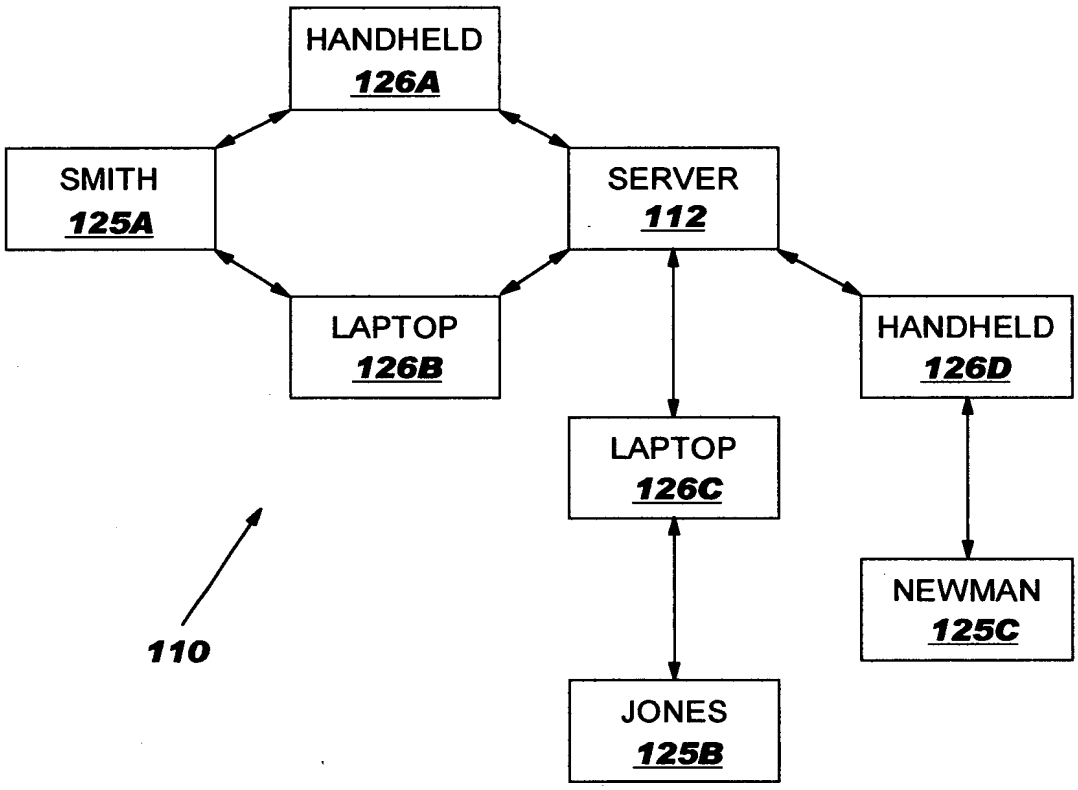

SEND ACKNOWLEDGMENT OF DEV IDENTIFIER
E1
RECEIVE ACKNOWLEDGMENT
E2
CONFIRMATION LOST, TIME OUT PERIOD ELAPSES
E4
SEND CONFIRMATION TO DEVICE
E3
SEND SECOND ACKNOWLEDGMENT OF DEV IDENTIFIER
E5
RECEIVE SECOND ACKNOWLEDGMENT
E6
RECEIVE CONFIRMATION
E8
SEND CONFIRMATION TO DEVICE
E7

FIG. 7



ENTRY	DEV TYPE	USER	DEV ID	STATUS	TIMESTAMP
1	HANDHELD	SMITH	x0101	IN USE	37789.372
2	LAPTOP	SMITH	x0201	IN USE	37793.620
3	HANDHELD	JONES	x0102	NOT USED	0
4	LAPTOP	JONES	x0202	IN USE	37795.334
5	HANDHELD	NEWMAN	x0103	PENDING	37795.542
6	LAPTOP	NEWMAN	x0203	NOT USED	0

FIG. 8


HANDHELD
126A
SMITH
125A
SERVER
112
LAPTOP
126B
HANDHELD
126D
LAPTOP
126C
NEWMAN
125C
110
JONES
125B